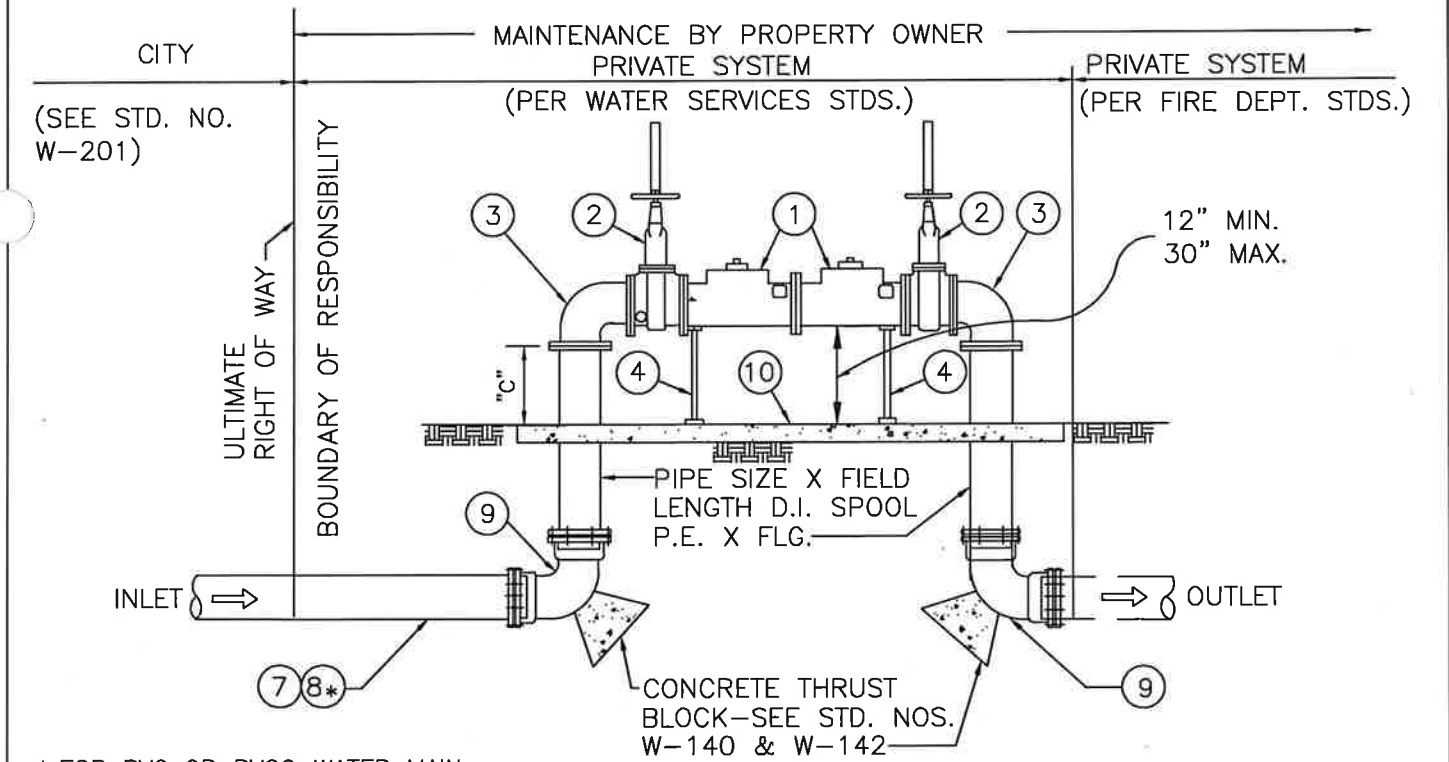


**PLAN VIEW**



**ELEVATION VIEW**

\* FOR PVC OR PVCU WATER MAIN CONSTRUCTION ONLY - SEE ITEM 8\* AND NOTES 8 AND 9 ON SHEET 2

**DOUBLE CHECK DETECTOR ASSEMBLY FIRE LINE ONLY**

**CITY OF MONTEREY PARK**  
PUBLIC WORKS DEPARTMENT - WATER DIVISION

STANDARD NO.  
**W-220**

DRAWN	BY	DATE
	AM	10/02/24
REVISED	DZ	10/02/24
CHANGED	XX	XX/XX/XX

APPROVED WATER UTILITY MANAGER *[Signature]* DATE 12/10/24  
APPROVED CITY ENGINEER *[Signature]* DATE 12/11/24

SHEET 1 OF 2

LIST OF MATERIAL

ITEM	DESCRIPTION
1	DOUBLE CHECK DETECTOR ASSEMBLY (SEE SECTION 5-01.)
2	RESILIENT WEDGE VALVE, O.S.&Y, (SEE SECTION 5-01.)
3	SR 90° BEND, FLG X FLG, D.I., CEMENT MOTAR LINED.
4	FLAT PIPE SUPPORT (SEE STD. NO. W-279).
5	BYPASS METER (SEE SECTION 4-06.)
6	BYPASS METER DOUBLE CHECK VALVE.
7	PIPE SIZE X FIELD LENGTH D.I. SPOOL, P.E. X P.E.
8	IN LIEU OF ITEM 7, PIPE SHALL BE AWWA C900 PVC OR AWWA C909 PVCO PIPE, CLASS 305, P.E. X P.E. (SEE NOTES 8 AND 9)
9	D.I. 90° BEND, M.J. X M.J. (2 TYP.), RETRAINED PER SECTION 2-12.01
10	CONCRETE PAD 4" THICK, SIZE AS INDICATED HEREIN; CLASS 520-C-2500 CONCRETE.

FIRELINE SIZE	A	B(MAX.)	C
4"	7.0'	4'-3"	14"
6"	8.5'	5'-3"	14"
8"	9.5'	6'-4"	13.5"
10"	11.5'	7'-5"	12"

NOTES:


1. FIRE DEPT. CONNECTIONS CANNOT BE PLACED ON THE ASSEMBLY WITHOUT PRIOR APPROVAL, CONTACT FIRE DEPT. AT(626)320-1308. WHERE APPROVED BY FIRE DEPT. , A FLG X FLG X FLG, D.I , CEMENT MORTAR LINED TEE MAY BE SUBSTITUTED FOR THE TOP 90° BEND ON FIRELINES
2. O.S. &Y VALVES SHALL BE LOCKED IN OPEN POSITION WITH CHAIN AND OWNER'S PADLOCK(S) PADLOCK(S) SHALL BE BREAKAWAY TYPE
3. ALL PIPE SHALL BE DUCTILE IRON PER SECTION 2-01 .
4. ALL FITTINGS AND APPURTENANCES (GASKETS, NUTS, BOLTS, RESTRAINT) SHALL COMPLY WITH SECTIONS 2-08 & 2-12 OF THESE SPECIFICATIONS.
5. THE COMPLETED ASSEMBLY SHALL BE PAINTED PER SECTION 2-14.
6. PROVIDE A MINIMUM OF 18 INCHES OF CLEAR SPACE FROM THE BYPASS METER TO THE EDGE OF CONCRETE PAD.
7. BACKFLOW DEVICE SIZE SHALL BE EQUAL TO OR GREATER THAN PIPE SIZE.
8. PVC OR PVCO WATER MAIN CONSTRUCTION SHALL BE PRE-APPROVED BY THE UTILITY PER SECTION 2-02.
- 9 . MECHANICAL JOINT RESTRAINT FOR PVC OR PVCO PIPE SHALL BE PER SECTION 2-12.01.
10. THE ULTIMATE RIGHT OF WAY SHALL BE DETERMINED BY PUBLIC WORKS - DEVELOPMENT SERVICES.

DOUBLE CHECK DETECTOR ASSEMBLY FIRE LINE ONLY

**CITY OF MONTEREY PARK**  
PUBLIC WORKS DEPARTMENT - WATER DIVISION

STANDARD NO.

**W-220**

DRAWN	BY AM	DATE 10/02/24	APPROVED WATER UTILITY MANAGER		DATE	12/10/24
REVISED	DZ	10/02/24				
CHANGED	XX	XX/XX/XX	APPROVED CITY ENGINEER		DATE	12/11/24

SHEET 2 OF 2